

JAN 08 2002

DECLARATION FOR PATENT APPLICATION

Docket Number MTV-034.01

As a below named inventor, I hereby declare that:

My residence, post office box, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

APPARATUS AND METHODS FOR THE AUTOMATED
SYNTHESIS OF OLIGOSACCHARIDES

the specification of which (check one)

 is attached hereto. was filed on Date August 17, 2001 as United States Application Number 09/932,277, and was amended on Date (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to patentability as defined in Title 37, Code of Federal Regulation, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Priority Claimed

 Yes No

(Number)	(Country)	(Day/Month/Year Filed)
----------	-----------	------------------------

 Yes No

(Number)	(Country)	(Day/Month/Year Filed)
----------	-----------	------------------------

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States Provisional application(s) listed below.

60/226,169	8/18/00
(Application Number)	(Filing Date)

 Yes No

60/254,233	12/08/00
(Application Number)	(Filing Date)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

(Application Number)	(Filing Date)	(Status: patented, pending, abandoned)
----------------------	---------------	--

(Application Number)	(Filing Date)	(Status: patented, pending, abandoned)
----------------------	---------------	--

I hereby appoint Beth E. Arnold, Reg. No. 35,430; Isabelle Clauss, Reg. No. 47,326; Kirk A. Damman, Reg. No. 42,461; Stephen B. Deutsch, Reg. No. 46,663; William D. DeVaul Reg. No. 42483; Daniel P. Gaudet, Reg. No. P-48,584; Robert W. Gauthier, Reg. No. 35,153; Jason Gish, Reg. No. 42,581; Dana Gordon, Reg. No. 44,719; Robert A. Greenberg, Reg. No. 44,133; Jennifer K. Holmes, Reg. No 46,778; Scott E. Kamholz, Reg. No. P- 48,543; David A. Lane, Reg. No. 39,261; W. Hugo Liepmann, Reg. No. 20,407; Jim Olesen, Reg. No. 46,967; Kevin A. Oliver, Reg. No. 42,049; Chinh H. Pham, Reg. No. 39,329; Philip C. Swain, Reg. No. 32,376; Kingsley L. Taft, Reg. No. 43,946; John Quisel, Reg. No. 47,874; Anita Varma, Reg. No. 43,221; Sharon Webb, Reg. No. 47,172; and John L. Welch, Reg. No. 28,129 as attorneys/agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Address all telephone calls to Dana M. Gordon at telephone number (617) 832-1000.

Address all correspondence to:

Customer Id No: 25181

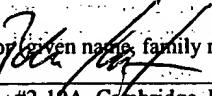
Patent Group

Foley Hoag & Eliot LLP

One Post Office Square

Boston, MA. 02109-2170

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor (given name, family name): Peter H. SeebergerInventor's signature: Date: 10/15/01Residence: 100 Memorial Drive, #219A, Cambridge, MA 02142Citizenship: GermanyPost Office Address: same Additional inventors are being named separately numbered sheets attached hereto.

Full name of second joint inventor (given name, family name): Obadiah J. Plante
Inventor's signature: _____ Date: _____
Residence: 352 Cabot Street, Beverly, MA 01915 Citizenship: U.S.A.
Post Office Address: same

Full name of third joint inventor (given name, family name): _____
Inventor's signature: _____ Date: _____
Residence: _____ Citizenship: _____
Post Office Address: _____

Full name of fourth joint inventor (given name, family name): _____
Inventor's signature: _____ Date: _____
Residence: _____ Citizenship: _____
Post Office Address: _____

Full name of fifth joint inventor (given name, family name): _____
Inventor's signature: _____ Date: _____
Residence: _____ Citizenship: _____
Post Office Address: _____

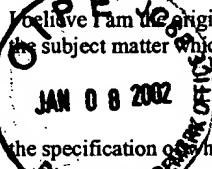
20/469044.1

DECLARATION FOR PATENT APPLICATION

Docket Number MTV-034.01

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

JAN 08 2002  I, **Beth E. Arnold**, original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**APPARATUS AND METHODS FOR THE AUTOMATED
SYNTHESIS OF OLIGOSACCHARIDES**

the specification of which (check one)

is attached hereto.
 was filed on Date August 17, 2001 as United States Application Number 09/932,277, and was amended on Date (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to patentability as defined in Title 37, Code of Federal Regulation, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Priority Claimed

 Yes No

(Number)	(Country)	(Day/Month/Year Filed)
----------	-----------	------------------------

 Yes No

(Number)	(Country)	(Day/Month/Year Filed)
----------	-----------	------------------------

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States Provisional application(s) listed below.

<u>60/261,169</u>	<u>8/18/00</u>
<input type="checkbox"/> (Application Number)	(Filing Date)

<u>60/254,233</u>	<u>12/08/00</u>
<input type="checkbox"/> (Application Number)	(Filing Date)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

<input type="checkbox"/> (Application Number)	<input type="checkbox"/> (Filing Date)	(Status: patented, pending, abandoned)
---	--	--

<input type="checkbox"/> (Application Number)	<input type="checkbox"/> (Filing Date)	(Status: patented, pending, abandoned)
---	--	--

I hereby appoint **Beth E. Arnold**, Reg. No. 35,430; **Isabelle Clauss**, Reg. No. 47,326; **Kirk A. Damman**, Reg. No. 42,461; **Stephen B. Deutsch**, Reg. No. 46,663; **William D. DeVaul** Reg. No. 42483; **Daniel P. Gaudet**, Reg. No. P-48,584; **Robert W. Gauthier**, Reg. No. 35,153; **Jason Gish**, Reg. No. 42,581; **Dana Gordon**, Reg. No. 44,719; **Robert A. Greenberg**, Reg. No. 44,133; **Jennifer K. Holmes**, Reg. No 46,778; **Scott E. Kamholz**, Reg. No. P- 48,543; **David A. Lane**, Reg. No. 39,261; **W. Hugo Liepmann**, Reg. No. 20,407; **Jim Olesen**, Reg. No. 46,967; **Kevin A. Oliver**, Reg. No. 42,049; **Chinh H. Pham**, Reg. No. 39,329; **Philip C. Swain**, Reg. No. 32,376; **Kingsley L. Taft**, Reg. No. 43,946; **John Quisel**, Reg. No. 47,874; **Anita Varma**, Reg. No. 43,221; **Sharon Webb**, Reg. No. 47,172; and **John L. Welch**, Reg. No. 28,129 as attorneys/agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Address all telephone calls to Dana M. Gordon at telephone number (617) 832-1000.

Address all correspondence to:

Customer Id No: 25181

Patent Group
Foley Hoag & Eliot LLP
 One Post Office Square
 Boston, MA. 02109-2170

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor (given name, family name): Peter H. Seeberger

Inventor's signature: _____

Date: _____

Residence: 100 Memorial Drive, #2-19A, Cambridge, MA 02142

Citizenship: Germany

Post Office Address: same

Additional inventors are being named separately numbered sheets attached hereto.

Full name of second joint inventor (given name, family name): Obadiah J. Plante

Inventor's signature:

Inventor's signature: John C. H. Smith
Residence: 352 Cabot Street, Beverly, MA 01915

Residence: 352 Cabot Street
Post Office Address: same

Date: 9/13/01

Citizenship: U.S.A.

Full name of third joint inventor (given name, family name): _____

Inventor's signature:

Investor's Residence:

Post Office Address:

Date:

Citizenship:

Full name of fourth joint inventor (given name, family name):

Inventor's signature

Residence

Post Office Address:

Date:

Citizenship:

Full name of fifth joint inventor (given name, family name): _____

Inventor's signature

Residence:

Post Office Address:

Date:

Citizenship: